Sequence 20219, A Sequence 195, App

Sequence

Sequence Seq

Sequence

Sequence

Sequence 13294, A Sequence 1, Appli Sequence 3, Appli

Sequence Sequence

Perfect score:

Sequence:

nucleic

Run on:

Scoring table:

Searched:

Database :

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4.1%; Score 44; DB 1; Length 7218;
US-09-540-236-1485
US-09-489-039A-3905
US-09-270-767-17864
US-09-270-767-17864
US-09-270-767-1512
US-09-270-767-1512
US-09-270-767-1612
US-09-270-767-4937
US-09-270-767-4937
US-09-270-767-4937
US-09-596-002-28
US-09-596-002-28
US-09-994-016-13294
US-07-992-712-1
US-07-125-619-3
US-07-122-66-3
US-08-545-5280-1
US-08-548-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Ralease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
TATLICANT: FALKNER, F. G.
TAPLICANT: FOLST
TAPLICANT: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1800 Diagonal Road, Suite 500 CITY: Alexandria CONTRE: VA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/08232463; Patent No. 5670367; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (703)683-4109
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49613
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STRANDEDNESS: single
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CLONE: pTZgpt-F18
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US-08-232-463-14
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    Query Match
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Sequence 613, App
Sequence 13321, A
Sequence 133049,
Sequence 15489, A
Sequence 8192, Ap
Sequence 8192, Ap
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Sequence 6, Appli
Sequence 6, Appli
Sequence 121693,
Sequence 121694,
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Sequence 6057, Ap
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Sequence 22, Appl
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Sequence 15143, A
                                                                                                                                                          July 9, 2005, 10:46:10; Search time 192.141 Seconds (without alignments) 9120.666 Million cell updates/sec
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Sequence 14, Appl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1. No. is the number of results predicted by chance to have a re greater than or equal to the score of the result being printed, is derived by analysis of the total score distribution.
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
                           GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
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US-08-956-171B-613
US-09-949-016-33921
US-09-949-016-133049
US-09-949-016-15489
US-09-949-016-1559
US-09-949-016-1559
US-09-949-016-12559
US-09-252-991A-8112
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US-09-632-098-6
US-10-17-308-6
US-09-949-016-121693
US-09-949-016-121694
US-09-949-016-121695
US-09-902-540-6871
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US-09-632-098-5
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US-08-961-083-111
US-09-536-784-111
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                  nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                US-09-938-842A-1034
1071
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Maximum DB seq length: 2000000000
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Match Length
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2874
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33.4 4.8 33.4 4.4 33.4

IMMEDIATE SOURCE:

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                                                  542 CCGTTTCAGCTTCCTCCGGTTTAGCTCCAATTGCCACGACGACGACGATCCAACCTCCGC 601
                                                                                                                           602 AAGCTCTGGCATCATCCACTGTGGCTCAGCAACTTCTGCCGCAAGGAATGTATCCGATGT 661
                                                                                                                                                                                                GGGCTATTCCATCAAACGCAATGATTCCGACGGTCGGAGCTTTCTTCTTGATTCCACAAA 721
                                                                                                                                                                                                                                                                    TCGCTGGTCCGTCGAATCAGCCTCAGTTATTAGCTTTTCCCGCCGCCGCTGCTTCGCCGT
                                                                                                                                                                                                                                                                                                                                           CGTCTTACGTCGCCGCTGTTCAACAGGCTTCCACGATGGCTAGACCACCTCTTTACAAG
                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                       TTGTTCCAAGCAGCGGCTTTGTATCCGTTTCAGACGTTAGCGGTTCGAATTTAT 895
                    ;
0
Best Local Similarity 2.3%; Pred. No. 0.0023;
Matches 8; Conservative 203; Mismatches 143; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRATI APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30472/114 IMMU
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F: 1800 Diagonal Road, Suite 500
Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: EP 91 114 300.
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 14, Application US/08232463 Patent No. 5670367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  29,768
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-232-463-14/c
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GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION WUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/066,409
PRIOR FILING DATE: 1998-06-13
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                                                                                                                             435 CTTAAAAATCCCGACGACGACGCTGATTCTGATATGGGTGAAAATCTGATGAAGAA
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                                                    Length 7218;
                                                                                           Indels
                                                  3.8%; Score 41; DB 1; Le
ilarity 2.2%; Pred. No. 0.024;
Conservative 205; Mismatches 150;
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SEQ ID NO 6057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            98; Conservative
; CLONE: pTZgpt-F1s
US-08-232-463-14
                                  Query Match
Best Local Similarity
'''' 8; Conserv?
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RESULT 5
US-08-781-986A-613/C
i Sequence 613, Application US/08781986A
; Patent No. 6737248
; GENERAL INFORMATION:
APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; MUMBER OF SEQUENCES: 5.255
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
; STATE: Maryland
COUNTRY: USA
: TOWN OF THE COUNTRY: USA
: TOWN OF THE COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        592 CAACCTCCGCAAGCTCTGGCATCATCCACTGTGGCTCAGCAACTTCTGCCGCAAGGAATG 651
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3.2%; Score 34; DB 4; Length 654;
Best Local Similarity 48.0%; Pred. No. 1.3;
Matches 97; Conservative 0; Mismatches 105; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20850

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCIT Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
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; Sequence 33921, Application US/09949016
; Patent No. 681233
; GENERAL INFORMATION:
                                                         275 AACGGTGCTTGGCCTTTTGTAT 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                652 TATCCGATGTGGGCTATTCCAT 673
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ATTORNEY/AGENT INPORMATION:
NAME: Benson, Bob
REGISTRATION NUMBER: 30,446
REFRENCE/DOCKET UNMBER: PB24
TELECOMMUNICATION INPORMATION:
TELEPHONE: (301) 309-8504
        652 TATCCGATGTGGGCTATTCCAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (301) 309-8512
INFORMATION FOR SEQ 1D NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 654 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 654 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 435
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Sequence 613, Application US/08956171E

Sequence 613, Application US/08956171E

Patent No. 6593114

GENERAL INFORMATION:

GILH. Chailes Kunsch

GILH. Choi

Patrick S. Dillon

Craig A. Rosen

Michael R. Pannon

TITLE OF INFORMATION: Staphylococcus aureus Polynucleotides and Sequences

NUMBER OF SEQUENCES: 5256

CORRESPONDENCE ADDRESS:
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  655 ATTATGATTGCTGTCTTATCTGTTACTCCTCTGTCTATGGTTCCTCAAGAACTTTG 714
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MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectre 486/33
COMPUTER: HP Vectre 486/33
COMPUTER: HP Vectre 486/33
COMPUTER: APPLICATION DATA:
APPLICATION NUMBER: US/08/956,171E
FILING DATE: 20-Oct-1997
CLASSIFICATION: CURKnown>
PRIOR APPLICATION: CURKnown>
PRIOR APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
ATPLING DATE: January 3, 1997
ATFORMEY/AGENT INFORMATION:
COMPUTED ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 08/781,986
FILING DATE: JANUARY 3, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3.2%; Score 34; DB 4; Length 654;
48.0%; Pred. No. 1.3;
tive 0; Mismatches 105; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue CITY: Rockville STATE: Maryland COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Mark J. Hyman
REGISTRATION NUMBER: 46,789
REFERENCE/DOCKET NUMBER: PB248P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 613:
08-08-956-171E-613
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INFORMATION FOR SEQ ID NO: 613:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 654 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                   907 TCGGTTATGGCTCC 920
                                                                                                       715 GCTGCTTTGGCTGC 728
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Matches 97; Conservative
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 12559
LENGTH: 51711
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                                  149 AGCCGGTGATG 159
                                                                            220 AGCAGGCATG 230
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Matches 70; Conserv
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US-09-949-016-12559
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Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR PLILING DATE: 2000-10-20

PRIOR PLILING DATE: 2000-10-03

PRIOR PLILING DATE: 2000-10-03

PRIOR PLILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 133049

LENGTH: 601

LENGTH: 601
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL0.01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/231,756

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PELING DATE: 2000-10-03

PRIOR PELING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOCTHWARE: PARLSEQ for Windows Version 4.0

SEQ ID NO 33921

LENGTH: 601
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Best Local Similarity 53.4#
Matches 70; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Human
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-949-016-33921
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Sequence 15489, Application US/09949016
; Sequence 15489, Application US/09949016
; Patent No. 681239
; GENERAL INFORMATION:
    TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; CURRENT PELLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR PILING DATE: 2000-10-03
; PRIOR PILING DATE: 2000-010-03
; NUMBER OF SEQ ID NOS: 207002
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15489
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| Sequence 12559, Application US/09949016
| Patent No. 6812339
| GENERAL INFORMATION:
| APPLICANT: VENTER, J. Craig et al. |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| CURRENT APPLICATION NUMBER: US/09/949,016 |
| CURRENT FILING DATE: 2000-104-14 |
| PRIOR FILING DATE: 2000-10-20 |
| PRIOR FILING DATE: 2000-10-20 |
| PRIOR FILING DATE: 2000-10-03 |
| PRIOR FILING DATE: 2000-10-03 |
| PRIOR FILING DATE: 2000-10-03 |
| PRIOR FILING DATE: 2000-09-08 |
| PRIOR FILING DATE: 2000-09-08 |
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196-136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEUC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
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, OTHER INFORMATION: Identity of nucleotide at the above locations are unknown.
US-09-252-991A-8192
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Query Match
3.1%; Score 33.4; DB 4; Length 51711;
Best Local Similarity 53.4%; Pred. No. 27;
Matches 70; Conservative 0; Mismatches 61; Indels 0;
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49.2%; Pred. No. 5.5;
tive 0; Mismatches 90; Indels
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PRIOR PILING DATE: 1998-02-18
PRIOR PLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8192, Application US/09252991A Patent No. 6551795 GENERAL INFORMATION:
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; Sequence 8112, Application US/09252991A
; Patent No. 6551795
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Matches 87; Conservative
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LOCATION: (291)
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LENGTH: 2127
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; LOCATION: (2266)
; OTHER INFORMATION: Identity of nucleotide at the above locations are unknown.
US-09-252-991A-8112
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OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
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                                                                                                                                                                                                                                                                                                                               DB 4; Length 2874;
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                                                                                                                                                                                                                                                                                                                                 3.1%; Score 33; DB 449.2%; Pred. No. 6.5; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: FRASER, Claire M.
APPLICANT: FRASER, Claire M.
APPLICANT: VEWTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFRENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 2
LENGTH: 4403765
PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142 SEQ ID NO 8112 LENGTH: 2874
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                                                                                                                           TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
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Best Local Similarity 49.21
Matches 87; Conservative
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Best Local Similarity 59.8<sup>1</sup>
Matches 55; Conservative
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US-09-103-840A-2
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US-09-632-098-6
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US-09-632-098-6
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GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Baindur, Nand
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: MAMMALIAN ADHESION PROTEASE PEPTIDES
FILE REPRESENCE: 99-39
CURRENT PILING DATE: 2000-08-02
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO S
LENGTH: 2406
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APPLICANT: Sheppard, Paul O.
APPLICANT: Baindur, Nand
APPLICANT: Baindow, Baul D.
ITILE OF INVENTION: MAMMALIAN ADHESION PROTEASE PEPTIDES
FILE REFERENCE: 99-39
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CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US/09/632,098
PRIOR FILING DATE: 2000-08-02
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
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LOCATION: (1)...(2406)
OTHER INFORMATION: n = A,T,C or G
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Patent No. 6762044
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ORGANISM: Artificial Sequence
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US-09-632-098-5
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US-10-177-308-5
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1256 TNTGYGGNAAYGGNTTYGTNGARGCNGGNGARGARTGYGAYTGYGAYTGYGGNCCNGGNCARGART 1315
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                                                                                                                                       Length 2406;
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APPLICANT: Baindur, Nand
APPLICANT: Baindur, Nand
APPLICANT: Baindur, Naul D.
TITLE OF INVENTION: MAMMALIAN ADHESION PROTEASE PEPTIDES
FILE REFERENCE: 99-3-9
CURRENT APPLICATION NUMBER: US/09/632,098
CURRENT APPLICATION NUMBER: 2000-08-02
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FREESEQ for Windows Version 3.0
SEQ ID NO 6
                                                                                                                                 Match 3.0%; Score 32.2; DB 4; Local Similarity 25.2%; Pred. No. 11; es 82; Conservative 47; Mismatches 197;
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25.2%; Pred. No. 11;
tive 47; Mismatches 197;
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OTHER INFORMATION: n = A,T,C or G
                             LOCATION: (1)...(2406)
    OTHER INFORMATION: n = A,T,C or G
US-10-177-308-5
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Patent No. 6420154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 82; Conservative
NAME/KEY: misc_feature
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877 GTTAGCGGTTCGAATTTATCAAGAGCGACGTCGGTTATGGCTCCGAGGTCAAGCTCAAGC 936
1256 TNTGYGGNAAYGGNTTYGTNGARGCNGGNGARGARTGYGAYTGYGGNCCNGGNCARGART 1315
1136 AYCCNTTYCCNMGNGTNTTYWSNGCNTGYWSNMGNMGNCARYTNMGNGCNTTYTTYMGNA 1195
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                                                     817 ATGCTAGACCACCTCCTTTACAAGTTGTTCCAAGCAGCGGCTTTGTATCCGTTTCAGAC 876
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Search completed: July 9, 2005, 12:58:47 Job time: 207.141 secs

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/ cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
/ cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*
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/cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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	Description	Sequence 1034, Ap	Sequence 1034, Ap	Sequence 502, App	Sequence 615, App	Sequence 109777,	Sequence 257, App	Sequence 8512, Ap
SUMMARIES	ΩI	9 US-09-938-842A-1034	US-09-938-842A-1034	US-09-924-035A-502	US-09-770-444-615	US-10-424-599-109777	9 US-09-770-696-257	18 US-10-425-114-8512
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	Query Match Length DB ID	:		460				
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57	145.2	144.8	138	129	129	129	129	129	127.4	126	124.6	124.6	124.6	124.6	124.6	124.6	124.6	124.4	122.8	121.6	121.6	119.8	119.8	119.8	118	117.8	117.4	113.8	113.2	-	111.8	111.4	111.4	111.2	111.2	111.2	111.2
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## ALIGNMENTS

```
APPLICANT: Harper, Jeff
APPLICANT: Kreps, Joel
APPLICANT: Kreps, Joel
APPLICANT: Kreps, Joel
APPLICANT: Shung, Xun
APPLICANT: Zhu, Tong
TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
TITLE OF INVENTION: SAME, AND METHODS OF USE
TITLE OF INVENTION: SAME, AND METHODS OF USE
TITLE REFERENCE: SCRIPIJOG-8-24
CURRENT APPLICATION NUMBER: US 60/227,866
PRIOR FILING DATE: 2000-08-24
PRIOR FILING DATE: 2000-08-24
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-06-22
NUMBER OF SEQ ID NOS: 5379
SEQ ID NO 1034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1071;
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100.0%; Pred. No. 0;
cive 0; Mismatches
                    ; Sequence 1034, Application US/09938842A; Patent No. US20020160378A1; GENERAL INFORMATION:
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; ORGANISM: Arabidopsis thaliana
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Best Local Similarity 100.
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| GENERALL ATRUCTATION:
| APPLICANT: Harper, Jeff |
| APPLICANT: Kreps, Joel |
| APPLICANT: Kreps, Joel |
| APPLICANT: Kreps, Joel |
| APPLICANT: Wang, Xun |
| APPLICANT: Zhu, Tong |
| TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING |
| TITLE OF INVENTION: SAME, AND METHODS OF USE |
| TITLE OF INVENTION: SAME, AND METHODS OF USE |
| TITLE OF INVENTION: SAME, AND METHODS OF USE |
| TITLE OF INVENTION: SAME, AND METHODS OF USE |
| TITLE OF INVENTION NUMBER: US 60/227, 866 |
| PRIOR APPLICATION NUMBER: US 60/227, 866 |
| PRIOR FILING DATE: 2001-01-16 |
| PRIOR APPLICATION NUMBER: US 60/264,647 |
| PRIOR APPLICATION NUMBER: US 60/300,111 |
| PRIOR FILING DATE: 2001-01-2 |
| NUMBER OF SEQ ID NOS: 5379 |
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;; Pred. No. 0;
0; Mismatches
; Sequence 1034, Application US/09938842A; Publication No. US20040009476A9; GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 1071; Conservative 0
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                             281 GTCGTCTTACGTCGCCGCTGTTCAACAGGCTTCCACGATGGCTAGACCACCTCCTTTACA
                                                                                840 AGTTGTTCCAAGCAGCGGCTTTGTATCCGTTTCAGACGTTAGCGGTTCGAATTTATCAAG
                                                                                                                                                      900 AGCGACGTCGGTTATGGCTCCGAGCTCAAGCTCAGGCGTAACAACCGGTAGTTCATCGTC
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APPLICANT: Allen, Keith R.
APPLICANT: Hoffman, Neil
APPLICANT: Hoffman, Neil
APPLICANT: Huxban, Neil
APPLICANT: Huxban, Patrick
TITLE OF INVENTION: Expressed Sequences of Arabidopsis
TITLE OF INVENTION: thaliana
FILE REFERENCE: 2027 (PARA-O16PRV)
CURRENT APPLICATION NUMBER: US/09/770,444
CURRENT FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-01-27
NUMBER OF SEQ ID NOS: 999
SOFTWARE: FRAESEQ for Windows Version 4.0
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Pred. No. 8.7e-140;
0; Mismatches 3;
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Patent No. US20020023280A1
GENERAL INFORMATION:
APPLICANT: Gorlach, Jorn
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; LCCATION: (1)...(453)
; OTHER INFORMATION: n = A,T,C or G
US-09-770-444-615
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Matthew, Abraham V.
Ledford, Brooke L.
Woessner, Jeffrey P.
Haas, William David
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99.1%;
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Rameaka, Joshua G.
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Kricker, Maja
Slader, Ted
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Hamilton, Carol M
Price, Jennifer L
Raines, Tracy M.
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Best Local Similarity 99.13
Matches 450; Conservative
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US-09-770-444-615/c
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TGGGCTATTCCATCAAACGCAATGATTCCGACGACGTCGGAGCTTTCTTCTTCATTCCACAA
                                                                                                                                  ATCGCTGGTCCGAATCAGCCTCAGTTATTAGCTTTTCCCGCCGCCGCTGCTTCGCCG
                                                                                                                                                    TCGTCTTACGTCGCCGCTGTTCAACAGGCTTCCACGATGGCTAGACCACCTCCTTTACAA
                                                                                                                                                                                                                                  GITGITCCAAGCAGCGGCTTTGTATCCGTTTCAGACGTTAGCGGTTCGAATTTTATCAAGA
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                                                        TGGGCTATTCCATCAAACGCAATGATTCCGACGGTCGGAGCTTTCTTCTTGATTCCACAA
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Sequence 502, Application US/09924035A

Patent No. US20020142319A1

GENERAL INFORMATION:
TITLE OF INVENTION: Expressed Sequences of Arabidopsis
TITLE OF INVENTION: thaliana
TITLE OF INVENTION: thaliana
FILE REPERRACE: 2011US
CURRENT APPLICATION NUMBER: US/09/924,035A
CURRENT PILING DATE: 2000-08-11

PRIOR FILING DATE: 1999-08-13

NUMBER OF SEQ ID NOS: 900

SOFTWARE: PASESEQ for Windows Version 3.0

LENGTH: 460
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) LCCATION: (1)...(460)

) OTHER INFORMATION: n = A,T,C or G

US-09-924-035A-502
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Matches 459; Conservative
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                                               TTAAAAATCCCGACGACGACGAAGGCTGATTCTGATATGGGTGAAAATCTGATGAAGAAG
                                                                                      TTAAAGATTCCGACCACCTCCCTTCCGATCAAGAACCCGGAGAGCCGCCCGAGAGGAG
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APPLICANT: MAGAS, William David
APPLICANT: Kricker, Maja
APPLICANT: Kricker, Maja
APPLICANT: Bavis, Keith R.
APPLICANT: Davis, Keith R.
APPLICANT: Hurban, Patrick
APPLICANT: Hurban, Patrick
TITLE OF INVENTION: Expressed Sequences of Arabidopsis
TITLE OF INVENTION: Lalainan
FILE REFERENCE: 2031US (PARA-020PRV)
CURRENT APPLICATION NUMBER: US/09/770,696
CURRENT PILING DATE: 2001-01-26
PRIOR FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-01-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CAAACGGCGTCGTTTCAGCATCAACCTCAGTTTTT 963
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100.0%; Pred. No. 1.5e-52
ive 0; Mismatches 0
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 257
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Patent No. US20010044940A1
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Matthew, Abraham V.
Ledford, Brooke L.
Woessner, Jeffrey P.
Haas, William David
Garcia, Carlos A.
Kricker, Maja
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Hamilton, Carol M.
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Rameaka, Joshua G.
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Raines, Tracy M.
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Matches 185; Conserv
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Apol Yihua
APPLICANT: Apol Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
SEQ ID NOS: 285684
SEQ ID NO 109777
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                                                                                                                                            TACGTCGCCGCTGTTCAACAGGCTTCCACGATGGCTAGACCACCTCCTTTACAAGTTGTT 846
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333 GGTCCGTCGAATCAGCCTCAGTTATTAGCTTTTCCCGCCGCCGCCGC-NNNTCGCCGTCGTCT
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                                                                GGTCCGTCGAATCAGCCTCAGTTATTAGCTTTTCCCGCCGCCGCTGCTTCGCCGTCGTCT
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Publication No. US20040031072A1
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Matches 398; Conservative
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US-10-424-599-109777
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APPLICANT: Zhou Yihua APPLICANT: Zhou Yihua APPLICANT: Zhou Yihua APPLICANT: Zhou Yihua APPLICANT: Cao Yongwei TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53223)B CURRENT APPLICATION NUMBER: US/10/424,599 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 285684
                                                                                                                                                                                                                                                                                                               APPLICANT: Zhou, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT APPLICATION NUMBER: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 14614
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421 CTTCAAACGCCGTCGTTCCGGCTGCAGGAGCTTTTTTTGTGTTCCTCAAACGGCGTCGT 480
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 157.8; DB 18; Length
Pred. No. 1e-42;
0; Mismatches 62; Indels
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GENERAL INFORMATION: APPLICANT: LA ROSE Thomas J
APPLICANT: Rovalic David K
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                                                 731 CGTCGAATCAGCCTCAGTTATT
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75.98;
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APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
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Best Local Similarity
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APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven B
APPLICANT: Green, Steven B
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313) B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 8512
LENGTH: 1090
                                                                                                                             214
                                                                                                                                                   269 GGATGCCTGCCACGTGTGCGGCTAGGATTTTTCAATTAACTCGAGAGTTAGGTCACAAAT 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 CCGACGCGAAACCATCCGGTGGCTCCTCGAGCACGCCGAGCCCGCCATCATCGCCGCCA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              329 CCGACGGCGAAACGATTCGGTGGTTGTTGGAGAACGCTGAGCCGGCGATTATAGCCGCCA 388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   389 CGGGTACGGGAACGGTTCCCGCCATCGCCATGTCGGTTAACGGAACCTTAAAAATCCCGA 448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           301 caagcrefarratraraaraaraaccaaaacgcagcaacgargacgacaacaacaafga 360
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                                                                    61 AAACTICAAGACCITICCAAGIAAAICCCACAGIGAGICTCCGAGCCCAAGGCGGAGCCGG
                                                                                                                        TGATGCCGTCGTTTTCAATGTCTTTAGCTCCACCGTCTTCGACAGGACCACCATTGAAGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       181 CCACCTCACCTTCCGATCAAGAACCCGGAGAGCCGCCCGAGAGGGAAGAAGGCGAAAGGAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 18; Length 1090;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17.1%; Score 183.6; DB 18; Length 63.7%; Pred. No. 1.3e-51; ive 0; Mismatches 164; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Clone ID: 700756889_FLI
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 8512, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 63.7
Matches 320; Conservative
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                                                                                                                                                                                                                             GAGCT 219
                                                                                                                                                                                                                                                                                 GAGCT 185
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Covalic David K
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 63594
CACAAGTCCGACGACGGCGAGACCGTCCGGTGGCTCCTGGAGCACGCGGCCGACCGTCATC 578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAACGCCCCCCAAACAGCGAGTTCGTGGACATAAACATAAACGACAGGTTTCGCAGTCG 758
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                                                                                                                                                                                                                                                                                           ATCCCGACGACGACGCTGATTCTGATATGGGTGAAAATCTGATGAAGAAGAACGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAACGACCTTCTAACAGTGAGT-----ATATAGACATAAGCGACGCCGTTTCAGCTTCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               271 ATGCCTGCCACGTGTGCGGCTAGGATTTTTCAATTAACTCGAGAGTTAGGTCACAAATCC
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Pred. No. 7.9e-36;
0; Mismatches 115; Indels
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; OTHER INFORMATION: Clone ID: PAT_MRT3847_28439C.1
US-10-424-599-63594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  550 GCTTCCTCCGGTTTAGCTCCAATT 573
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US-10-424-599-63594
Sequence 63594, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
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Best Local Similarity 64.6
Matches 248; Conservative
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TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
FILE REFERENCE: 38-21(53377)8
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
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US-10-739-930-3143
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 145.2; DB 18; Length
Pred. No. 2.1e-38;
0; Mismatches 123; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
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                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Clone ID: PAT_MRT3847_139247C.1
                                                                                                                                                                                                      LOCATION: (1)..(1113)
OTHER INFORMATION: unsure at all n locations
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 64.8%;
Matches 232; Conservative
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                                      TYPE: DNA
ORGANISM: Glycine max
FEATURE:
NAME/KEY: unsure
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    LENGTH: 1113
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249 AGGAAGAGGAGAAGGATACGGATGCCTGCCACGTGTGCGGCTAGGATTTTTCAATTAAC 308
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 12.0%; Score 129; DB 10; Length 1728; Best Local Similarity 71.0%; Pred. No. 1e-32; Matches 171; Conservative 0; Mismatches 70; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Adam, Luc J.
APPLICANT: Dubell, Arnold T.
APPLICANT: Ratcliffe, Oliver
APPLICANT: Ratcliffe, Oliver
APPLICANT: Yu, Guo-Liang
APPLICANT: Yu, Guo-Liang
APPLICANT: Broun, Pierre E.
TITLE OF INVENTION: STRESS-RELATED POLYNUCLEOTIDES AND
TITLE OF INVENTION: POLYPEPTIDES IN PLANTS
PILE REFERENCE: 514442002040
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 60/310,847
PRIOR FILING DATE: 2001-08-09
                  PRIOR APPLICATION NUMBER: 60/22/439
PRIOR FILING DATE: 2000-08-22
PRIOR FILING DATE: 2001-08-22
PRIOR FILING DATE: 2001-11-16
PRIOR PILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 516
SOFTWARE: Patentin version 3.1
SEQ ID NO 169
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Publication No. US20030217383A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2001-11-19
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Riechmann, Jose Luis
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Jiang, Cai-Zhong
                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                               FEATURE:
    NAME/KEY: CDS
    LOCATION: (106).. (1575)
    OTHER INFORMATION: G1064
US-09-934-455-169
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                                                                                                                                                                                                                          APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steen E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
AITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Ass
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
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TITLE OF INVENTION: Genes for Modifying Plant Traits IV
FILE REFERENCE: MBI-0025
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Pred. No. 9.7e-33;
0; Mismatches 70;
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729 CAGTCGTCCGGTCTGGCCCCGGTT 752
                                                                                                                      Sequence 14605, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
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Publication No. US20030121070A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dubell, Arnold
Heard, Jacqueline
Jiang, Cai-Zhong
Keddie, James
Pilgrim, Marsha
Ratcliffe, Oliver
Reuber, Lynne
Ricchmann, Jose Luis
Yu, Guo-Liang
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Best Local Similarity 71.0%;
Matches 171; Conservative
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APPLICANT: Creelman, Robert
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US-09-934-455-169
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completed: July
ne : 718.441 secs
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TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
FILE REFERENCE: MBI-0047 CIP
                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                       Score 129; DB 17; 1 Pred. No. 1e-32; 0; Mismatches 70;
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CURRENT PILING DATE: 2003-02-25
PRIOR APPLICATION NUMBER: US/81,944
PRIOR FILING DATE: 2001-04-18
PRIOR FILING DATE: 2001-08-09
PRIOR PILING DATE: 2001-08-09
PRIOR PILING DATE: 2001-08-22
PRIOR PILING DATE: 2001-08-22
PRIOR PILING DATE: 2001-11-19
PRIOR PILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/336,049
PRIOR PILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/336,692
PRIOR PILING DATE: 2001-12-11
PRIOR PELING DATE: 2001-12-11
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PRIOR PELING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 246
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 165
LENGTH: 1728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sherman, Bradley K
APPLICANT: Riechmann, Jose Luis
APPLICANT: Jiang, Cai-Zhong
APPLICANT: Heard, Jacqueline B
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Dubell III, Arnold T
Pineda, Omaira
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Creelman, Robert A
Ratciliffe, Oliver
Adam, Luc J
Reuber, T. Lynne
Keddie, James
Broun, Pierre E
                                                                               TYPE: DNA ORGANISM: Arabidopsis thaliana
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Best Local Similarity 71.0%;
Matches 171; Conservative
                                                                                                                                        ; NAME/KEY: CDS
; LOCATION: (106)...(1575)
US-10-225-068-165
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Pred. No. 1e-32;
0; Mismatches 70; Indels 0;
PRIOR FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/225,067
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PRIOR APPLICATION NUMBER: 10/225,068
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 2906
SOFTWARE: PatentIn version 3.2
SEQ ID NO 219
LENGTH: 1728
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                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                        12.0%;
71.0%;
                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 71.05
Matches 171; Conservative
                                                                                                                                                                                                                                                                        ; FEATURE:
; OTHER INFORMATION: G1064
US-10-374-780A-219
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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(without alignments)
9102.203 Million cell updates/sec July 9, 2005, 12:50:25 ; Search time 192.531 Seconds - nucleic search, using sw model OM nucleic Run on:

US-09-938-842A-1034

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1202784 seqs, 818138359 residues OLIGO\_NUC Gapop\_60.0 , Gapext 60.0 Searched:

Scoring table:

0 Word size :

2405568 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

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/cgn2\_6/ptodata/1/ina/PCTUS\_COMB.seq:\* Issued Patents NA:\* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

		Description	Sequence 16198, A	Sequence 6112, Ap	1, Ap	13		Sequence 716, App		Sequence 3, Appli			Sequence 13393; A	Sequence 1, Appli		Sequence 12777, A	Sequence 1, Appli	-,	6	Sequence 1834, Ap	12761,	_	454,	1573	Sequence 2, Appli	Sequence 178644,	Seguence 178645,		Sequence 184362,
SOUTH		ID	US-09-949-016-16198	US-09-489-039A-6112	US-09-292-034-1	US-09-949-016-13002	US-09-902-540-5948	US-09-489-039A-716	US-09-902-540-198	US-09-976-594-3	US-09-949-016-16873	US-09-949-016-12101	US-09-949-016-13393	US-09-345-882-1	US-09-949-016-14033	US-09-949-016-12777	US-08-916-421B-1	US-09-692-570-1	US-09-513-999C-24082	US-09-640-211A-1834	US-09-248-796A-12761	US-09-328-352-186	US-09-270-767-454	US-09-270-767-15736	US-08-510-878-2	US-09-949-016-178644	US-09-949-016-178645	US-09-949-016-178646	US-09-949-016-184362
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æ		Match	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
		Score	20	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	. 17	17	17
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Sequence 6112, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
GENTRAL INFORMATION:
APPLICANT: GATY BREAD et. al
TITLE OF INVENTION: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747

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Score 20; DB 4; Pred. No. 4.2; 0; Mismatches

Query Match
1.9%; Soc
Best Local Similarity 100.0%; Pi
Matches 20; Conservative 0;

NAME/KEY: misc\_feature // LOCATION: (1)...(78810) // CTHER INFORMATION: n = A,T,C or US-09-949-016-16198

TYPE: DNA ORGANISM: Human

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US-09-489-039A-6112

Length 78810; Indels

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.6 601 4 US .6 675 4 US .6 675 4 US .6 778 1 US .6 864 4 US .6 864 4 US .6 867 4 US .6 867 4 US .6 1251 4 US .6 1251 4 US .6 1353 3 US .6 1353 3 US .6 1353 3 US .6 1353 3 US .6 1359 4 US .6 1359 1 US/09 .8 USCMORPHISM ON: WITH HUMAN CLOUADAN ON: WITH HUMAN TON NUMBER: US/0 ATE: 2000-04-14 CLOUADAN ON WITH HUMAN TON NUMBER: GO/237 E: 2000-10-03 E: 2000-10-03 E: 2000-10-03 E: 2000-10-03 E: 2000-10-03 E: 2000-09-09 NOS: 207012 Of for Windows Ve	09-949 008-640 008-640 008-510 008-510 008-510 008-510 008-610 008-6110 008-6110 008-6110	ALIGNM 49016 IN KN ISEASE /949,0 755 768 498
28 17 1.6 601 4 29 17 1.6 675 4 31 17 1.6 748 1 31 17 1.6 748 1 32 17 1.6 748 1 33 17 1.6 867 4 33 17 1.6 867 4 34 17 1.6 867 4 35 17 1.6 1251 4 37 17 1.6 1251 4 38 17 1.6 1251 4 39 17 1.6 1251 4 41 17 1.6 1251 4 42 17 1.6 1353 2 42 17 1.6 1353 3 42 17 1.6 1358 3 42 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3 45 17 1.6 1358 3	- Sn - Sn - Sn - Sn - Sn - Sn - Sn - Sn	S/099 et al HISMS WAN D US/09 4-14 4-14 7-241, 0 7-231, 8 Ver
28 17 1.6 60 29 17 1.6 67 31 17 1.6 77 32 17 1.6 77 33 17 1.6 86 34 17 1.6 86 34 17 1.6 86 35 17 1.6 86 37 17 1.6 125 38 17 1.6 125 39 17 1.6 135 41 17 1.6 135 42 17 1.6 135 44 17 1.6 135 45 17 1.6 135 47 17 1.6 135 48 17 1.6 135 49 17 1.6 135 41 17 1.6 135 42 17 1.6 135 43 17 1.6 135 44 17 1.6 135 45 17 1.6 135 47 17 1.6 135 48 17 1.6 135 49 17 1.6 135 41 17 1.6 135 42 17 1.6 135 43 17 1.6 135 44 17 1.6 135 45 17 1.6 135 47 17 1.6 135 48 17 1.6 135 49 17 1.6 135 41 17 1.6 135 42 17 1.6 135 43 17 1.6 135 44 17 1.6 135 45 17 1.6 135 46 17 1.6 135 47 17 1.6 135 48 17 1.6 135 49 17 1.6 135 40 1.7 1.6 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2		on U
28 17 1.6 29 17 1.6 29 17 1.6 31 17 1.6 32 17 1.6 33 17 1.6 33 17 1.6 34 17 1.6 38 17 1.6 38 17 1.6 39 17 1.6 41 17 1.6 42 17 1.6 43 17 1.6 44 17 1.6 44 17 1.6 44 17 1.6 45 17 1.6 46 17 1.6 47 17 1.6 48 17 1.6 49 17 1.6 41 17 1.6 41 17 1.6 42 17 1.6 43 17 1.6 44 17 1.6 45 17 1.6 45 17 1.6 46 17 1.6 47 17 1.6 48 17 1.6 48 17 1.6 49 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	378 8 8 8 7 4 6 7 7 7 8 8 8 8 8 9 7 8 8 9 8 9 9 9 9 9 9	icati J. Cr. POLN NUMBI NUMBI 12000-1 2000-1 2000-1 2000-1 2000-1 2000-1
28 17 29 17 31 31 17 32 17 33 17 34 17 34 17 34 17 34 17 34 17 34 17 34 17 42		98 Appl 339 339 110N: 110N: 110N: 110N: 110N: 110N: 110N: 110N: 110N: 110N: 110N:
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15;
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                                                                                                                                                                                                                                         Sequence 1, Application US/09292034;
Patent No. 6492343;
GENERAL INFORMATION:
APPLICANT: Reddy, P. Seshidhar
APPLICANT: Babiuk, Lorne
TITLE OF INVENTION: PORCINE ADENOVIRUS TYPE 3 GENOME;
FILE REFERENCE: 293102000400
CURRENT APPLICATION WUMBER: US/09/292,034
CURRENT FILING DATE: 1999-04-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1
LENGTH: 34094
                                                                                                    Query Match 1.8%; Score 19; DB Best Local Similarity 100.0%; Pred. No. 15; Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.8%; Score 19; DB 100.0%; Pred. No. 14; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Porcine Adenovirus Type 3
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                                                                                                                                                        180 AGCTCCACCGTCTTCGACA 198
                                                                                                                                                                                850 Accricacicriricacia 868
                                                  TYPE: DNA
ORGANISM: Klebsiella pneumoniae
 1999-01-29
PRIOR FILING DATE: 1999-01-;
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 6112
LENGTH: 2556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.0
Matches 19; Conservative
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US-09-949-016-13002/c
                                                                             US-09-489-039A-6112
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ORGANISM: Human
                                                                                                                                                                                                                                   US-09-292-034-1
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Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: GAY Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489, 039A
CURRENT FILING DATE: 2000-01-27
FRIOR PALLICATION NUMBER: US 60/117,747
FRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                   Sequence 5948, Application US/09902540;
Sequence 5948, Application US/09902540;
Patent No. 6833447;
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Glater, Steven C.
APPLICANT: Minkle, Gregory J.
APPLICANT: Wiegand, Roger C.
APPLICANT: Wiegand, Roger C.
CINEMATION: Wixococcus xanthus Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15849)B;
CURRENT APPLICATION NUMBER: US/09/902,540;
CURRENT PILING DATE: 2001-07-10;
PRIOR APPLICATION NUMBER: 60/217,883;
RIOR FILING DATE: 2000-07-10;
NUMBER OF SEQ ID NOS: 16825;
SEQ ID NO 5948
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                                                                    DB 4; Length 168394;
14;
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                                                                                                                      0; Indels
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                                                   1.8%; Scc...
100.0%; Pred. No. ...
0; Mismatches
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; Sequence 716, Application US/09489039A
; Patent No. 6610836
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545 TTTCAGCTTCCTCCGGTTT 563
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ORGANISM: Klebsiella pneumoniae
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                                                                                           Best Local Similarity 100.0
Matches 19; Conservative
                                                                                                                                                                                                                                                                                   RESULT 5
US-09-902-540-5948
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Sequence 12101, Application US/09949016

Sequence 12101, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REPERENCE: CLOOL1307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FASISEQ for Windows Version 4.0
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Sequence 13393, Application US/09949016

Sequence 13393, Application US/09949016

GENERAL INFORMATION:

PAPPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CLO01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14
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                       PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PRILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASESEQ FOR WINDOWS Version 4.0
SEQ ID NO 16873
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Pred. No.
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US-09-949-016-12101
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     2000-04-14
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Best Local Similarity 100.
Matches 18; Conservative
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US-09-949-016-16873
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                                                                                                                                                                                                                                                                                  TYPE: DNA
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GRNERAL INFORMATION:
APPLICANT: Furness, Michael
APPLICANT: Burness, Michael
TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS FILE REPERENCE: PA-0041 US
CURRENT APPLICATION NUMBER: 08/09/76,594
CURRENT FILING DATE: 2001-10-12
PRIOR PILING DATE: 2001-10-12
PRIOR FILING DATE: 2001-10-12
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'Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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                                                                                      APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof FILE REPERENCE: 38-10 (1584) B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR PLILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 198
LENGTH: 1720
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; OTHER INFORMATION: Incyte ID No. 6673549 1863336CB1
US-09-976-594-3
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CURRENT APPLICATION NUMBER: US/09/949,016
                  Sequence 198, Application US/09902540 Patent No. 6833447 GENERAL INFORMATION:
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SOFTWARE: PERL Program
SEQ ID NO 3
LENGTH: 4261
TYPE: DNA
ORGANISM: Homo sapiens
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US-09-902-540-198
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ION: 160031
INFORMATION: 5-148-352
                                  LOCATION: 99098
OTHER INFORMATION: 5-130-257
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OTHER INFORMATION: 5-133-375
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LOCATION: 103806
OTHER INFORMATION:
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LOCATION: 108471
OTHER INFORMATION:
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LOCATION: 108106
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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INFORMATION:
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OTHER INFORMATION:
                                                                                                                                           LOCATION: 99117
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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NAME/KEY: allele
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NAME/KEY: allele
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LOCATION: 72771...
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Sequence 1, Application US/09345882
Sequence 1, Application US/09345882
Sequence 1, Application US/09345882
Sequence 1, Application US/0934582
Sequence 1, Application US/0934582
SEQUENCE 100 SET 100
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LOCATION: 97152
OTHER INFORMATION: 5-129-144 : polymorphic base deletion
FEATURE:
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FLING DATE: 2000-10-20
PRIOR PLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-8
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PSSESEQ for Windows Version 4.0
SEQ ID NO 13393
LENGTH: 94884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       76650 TICTAACAGIGAGIATAI 76633
                                                                                                                                                                                                                                                                                                                                                                   | NAME/KEY: misc_feature
| LOCATION: (1)...(94884)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-13393
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LOCATION: 90842
OTHER INFORMATION: 99-1437-325
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OTHER INFORMATION: 99-1442-224
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OTHER INFORMATION: 5-124-273
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OTHER INFORMATION: 5-128-60
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LOCATION: 88073
OTHER INFORMATION:
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NAME/KEY: allele
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ORGANISM: Human
FEATURE:
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OTHER INFORMATION: polymorphic fragment 5-124-273 SEQ ID30
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LOCATION: 88050..88096
OTHER INFORMATION: polymorphic fragment 5-127-261 SEQ ID31
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OTHER INFORMATION: polymorphic fragment 5-124-273 SEQ ID51
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FACULANT: NO. 1801.239.

FAURAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: 06/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FRAESEQ for Windows Version 4.0

SEQ ID NO 14033
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APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: 60/949,016

CURRENT FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03
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                                                                                                                              FEATURE:
NAME/KEY: allele
LOCATION: 108127..108177
OTHER INFORMATION: polymorphic fragment 5-135-198 SEQ ID60
                             FEATURE:
UCANICN: 108127..108177
OTHER INFORMATION: polymorphic fragment 5-135-198 SEQ ID39
     OTHER INFORMATION: polymorphic fragment 5-135-155 SEQ ID59
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100.0%; Pred. No. 44;
ive 0; Mismatches
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; Sequence 12777, Application US/09949016
; Patent No. 6812339
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; Patent No. 6812339
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; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14033
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Best Local Similarity 100.
Matches 18; Conservative
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US-09-949-016-14033/c
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ORGANISM: Human
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                                                                      NAME/KEY: allele
LOCATION: 90819..90865
OTHER INFORMATION: complement polymorphic fragment 99-1437-325 SEQ ID49
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OTHER INFORMATION: complement polymorphic fragment 99-1437-325 SEQ ID70
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LOCATION: 97099.,97145
OTHER INFORMATION: polymorphic fragment 99-1442-224 SEQ ID50
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LOCATION: 97099..97145
OTHER INFORMATION: polymorphic fragment 99-1442-224 SEQ ID71
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LOCATION: 99075..99121
OTHER INFORMATION: polymorphic fragment 5-130-257 SEQ ID34
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LOCATION: 103783...103828
OTHER INFORMATION: polymorphic fragment 5-131-395 SEQ ID36
ION: 88050..88096
INFORMATION: polymorphic fragment 5-127-261 SEQ ID52
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LOCATION: 97130..97177
JTHER INFORMATION: polymorphic fragment 5-129-144 SEQ ID54
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LOCATION: 99075..99121
OTHER INFORMATION: polymorphic fragment 5-130-257 SEQ ID55
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INFORMATION: polymorphic fragment 5-129-144 SEQ ID33
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LOCATION: 99094..99140
OTHER INFORMATION: polymorphic fragment 5-130-276 SEQ ID56
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OTHER INFORMATION: polymorphic fragment 5-135-155 SEQ ID38
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LOCATION: 103783..103828
OTHER INFORMATION: polymorphic fragment 5-131-395 SEQ ID57
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OTHER INFORMATION: polymorphic fragment 5-133-375 SEQ ID58
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INFORMATION: polymorphic fragment 5-128-60 SEQ ID32
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INFORMATION: polymorphic fragment 5-128-60 SEQ ID53
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OTHER INFORMATION: polymorphic fragment 5-133-375 SEQ
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LOCATION: 106918..106966
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LOCATION: 108084..108130
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LOCATION: 108084..108130
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NAME/KEY: allele
LOCATION: 90819..5
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LOCATION: (741684)..(741684)
OTHER INFORMATION: n equals a, t,
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LOCATION: (231980)..(231980)
OTHER INFORMATION: n equals a, t,
NAME/KEY: misc feature
LOCATION: (234187)..(234187)
OTHER INFORMATION: n equals a, t,
NAME/KEY: misc feature
LOCATION: (234220)..(234220)
OTHER INFORMATION: n equals a, t,
OTHER INFORMATION: n equals
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LOCATION: (234814)..(234814)
OTHER INFORMATION: n equals a, t
NAME/KEY: misc feature
LOCATION: (309398)..(309398)
OTHER INFORMATION: n equals a, t
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OTHER INFORMATION: n equals a,
NAME/KEY: misc. feature
LOCATION: (319226). (319226)
OTHER INFORMATION: n equals a,
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OTHER INFORMATION: n equals a,
NAME/KEY: misc.feature
LOCATION: (674435)...(674435)
OTHER INFORMATION: n equals a,
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LOCATION: (191989)..(191989)
OTHER INFORMATION: n equals a,
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IION: (559167)..(559167)
R INFORMATION: n equals a,
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LOCATION: (682442)..(682442)
OTHER INFORMATION: n equals a,
           INFORMATION: n equals a,
                                                                                        NAME/KEY: misc feature
LOCATION: (148948)..(148948)
OTHER INFORMATION: n equals a,
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LOCATION: (657081)..(657081)
OTHER INFORMATION: n equals a,
                          NAME/KEY: misc_feature
LOCATION: (103998)..(103998)
OTHER INFORMATION: n equals a,
                                                                                                                                                                                                                                                                              NAME/KEY: misc feature
LOCATION: (191995)..(191995)
OTHER INFORMATION: n equals a,
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INFORMATION: n equals a,
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IION: (559241)..(559241)
R INFORMATION: n equals a,
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INFORMATION: n equals a,
                                                                                                                                                          NAME/KEY: misc feature
LOCATION: (163385)..(163385)
OTHER INFORMATION: n equals a,
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INFORMATION: n equals a,
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LOCATION: (600992). (600992)
OTHER INFORMATION: n equals a,
NAME/KEY: misc feature
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INFORMATION: n equals a,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/08916421B
Patent No. 6503729
GENERAL INFORMATION:
APPLICANT: Bult et al.
TITLE OF INVENTION: Jannaschii
FILE OF INVENTION: Jannaschii
FILE REFERENCE: PB375
CURRENT APPLICATION NUMBER: US/08/916,421B
FILE REFERENCE: 1997-08-22
RRIOR APPLICATION NUMBER: US 60/024,428
PRIOR FILING DATE: 1996-08-22
RNORER OF SEQ ID NOS: 3
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 1664976
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PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SSOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 828152
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LOCATION: (28222). (28222)
OTHER INFORMATION: n equals a, t, c,
NAME/KEY: misc feature
LOCATION: (28257). (28258)
OTHER INFORMATION: n equals a, t, c,
NAME/KEY: misc feature
LOCATION: (84773). (84773)
OTHER INFORMATION: n equals a, t, c,
NAME/KEY: misc feature
LOCATION: (84808). (84808)
OTHER INFORMATION: n equals a, t, c,
NAME/KEY: misc feature
LOCATION: (84812)
OTHER INFORMATION: n equals a, t, c,
NAME/KEY: misc feature
LOCATION: (84812). (84812)
OTHER INFORMATION: n equals a, t, c,
NAME/KEY: misc feature
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                                                                                                                                                                                                                 LOCATION: (1)._.(828152)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12777
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LOCATION: (98266)..(98266)
OTHER INFORMATION: n equals a, t,
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LOCATION: (98239)..(98239)
OTHER INFORMATION: n equals a, t,
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LOCATION: (98120)..(98120)
OTHER INFORMATION: n equals a, t,
NAME/KEY: misc_feature
LOCATION: (98159)..(98159)
OTHER INFORMATION: n equals a, t,
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LOCATION: (98343)..(98343)
                                                                                                                                                                                                 NAME/KEY: misc_feature
                                                                                                                               TYPE: DNA
ORGANISM: Human
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I LOCATION: (179455).

I LOCATION: (179455).

OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1795676).

OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (875539).

OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1004830)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1004830). (1004830)
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1.7%; Score 18; DB 4; Length 1664976;
Best Local Similarity 100.0%; Pred. No. 43;
Matches 18; Conservative 0; Mismatches 0; Indels 0;

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1522815 CAATGTCTTTAGCTCCAC 1522798 g Search completed: July 9, 2005, 17:25:19 Job time : 203.531 secs

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| cgn2 6/ptodata/2/pubpna/US06 NEW PUB. seq:*
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| cgn2 6/ptodata/2/pubpna/US07 NEW PUB. seq:*
| cgn2 6/ptodata/2/pubpna/US08 PUBCOMB. seq:*
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/cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Gapop_60.0 , Gapext 60.0
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                       Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 1034, Ap	Sequence 1034, Ap	Sequence 502, App	Sequence 615, App	Sequence 257, App	Sequence 1049, Ap	Sequence 2689, Ap
ID	US-09-938-842A-1034	US-09-938-842A-1034	US-09-924-035A-502	US-09-770-444-615	US-09-770-696-257	US-10-225-066A-1049	US-10-374-780A-2689
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Length	1071	1071	460	453	185	704	704
Query Match	100.0	100.0	27.0	26.7	17.3	2.3	2.3
Score	1071	101	289	286	185	25	25
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Sequence 4287, Ap Sequence 15482, A Sequence 3984, Ap Sequence 147, App Sequence 551, App Sequence 33694, A	93777	Sequence 22, App.1 Sequence 1678, Ap Sequence 20948, A Sequence 217229, Sequence 30293, A Sequence 30293, A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sequence 13545, A Sequence 139810, Sequence 139810, A Sequence 33921, A Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli
-09-732 -10-021 -10-767 -10-295 -10-412 -10-363	-10-363-4 -10-363-4 -10-425-1 -10-424-5 -10-276-7 -10-369-4	US-10-052-482-22 US-10-087-192-1678 US-10-843-527-20948 US-10-843-527-217229 US-10-425-115-73537 US-10-363-3458-30293	10-363-483A-3029 10-363-483A-3029 10-425-114-2989 10-425-114-15522 10-425-114-15510 10-425-114-15510 10-425-115-73538 10-425-115-73538	US-10-425-115-71545 US-10-425-115-139810 US-10-425-115-73540 US-10-437-963-39921 US-10-437-963-53427 US-09-963-038A-1 US-09-963-038A-1
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## ALIGNMENTS

US-09-938-842A-1034

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GENERAL INFORMATION:

# PAPELICANT: Harper, Jeff

# APPLICANT: Harper, Jeff

# APPLICANT: Harper, Joe1

# APPLICANT: Harper, Joe1

# APPLICANT: Harper, Joe1

# APPLICANT: Wang, Xun

# APPLICANT: Zhu, Tong

# TITLE OF INVENTION: SAME, AND METHODS OF USE

# TITLE OF INVENTION: SAME, AND METHODS OF USE

# TITLE OF INVENTION: SAME, AND METHODS OF USE

# TITLE OF INVENTION: SAME, AND METHODS OF USE

# TITLE OF INVENTION: SAME, AND METHODS OF USE

# TITLE OF INVENTION: SAME, AND METHODS OF USE

# TITLE OF INVENTION OF USE

# TITLE OF INVENTION NUMBER: US 60/227,866

# PRIOR FILING DATE: 2000-08-24

# PRIOR PRILING DATE: 2001-01-16

# PRIOR FILING DATE: 2001-01-16

# PRIOR FILING DATE: 2001-01-16

# PRIOR FILING DATE: 2001-06-22

# NUMBER OF SEQ ID NOS: 5379

# SEQ ID NO 1034
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100.0%; Pred. No. 0;
ative 0; Mismatches
; Sequence 1034, Application US/09938842A; Patent No. US20020160378A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-938-842A-1034
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Best Local Similarity 100.
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US-09-938-842A-1034
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Matches 1071; Conservative
          US-09-938-842A-1034
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Sequence 1034, Application US/09938842A

Sequence 1034, Application US/09938842A

Publication No. US20040009476A9

GENERAL INFORMATION:

APPLICANT: Harper, Jeff

APPLICANT: Wang, Xun

APPLICANT: Wang, Xun

APPLICANT: Wang, Xun

TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING

TITLE OF INVENTION: SAME, AND METHODS OF USE

FILE REFERENCE: SCRIP1300-3

CURRENT APPLICATION NUMBER: US/09/938,842A

CURRENT FILING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: US 60/227,866

PRIOR FILING DATE: 2001-01-16

SEQUENCE: SEQUENCE: STRESS OF SEQUENCE: STRESS
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780 281 840	221 AGTTGTTCCAAGCAGGTTTGTATCCGTTTCAGACGTTAGCGGTTCGAATTTATCAAG 900 AGCGACGTCGGTTATGGCTCCGAGCTCAAGCTCAGGGGTAACAACCCGGTAGTTCATCGTC	Db 161 AGCGACGTCGGTTATGGCTCCGAGCTCAGGCGTAACAACCGGTAGTTCATCGTC 102  Qy 960 AATTGCAACAACAACGACGCACACGCTGAGAGACTTCTCCCTAGAGATATACGAGAAACA 1019  Dh 101 AATTGCAACAACAACAACAACAACAACAACAACAACAACAACAA	1020 AGAGCTTCACCAGTTCATGAGCACCACAACAGCTCAT 1060	SULT 4	US-09-770-444-615/C ; Sequence 615, Application US/09770444 ; Patent No. US2002023280Al ; GENERAL INFORMATION:	; APPLICANT: Gorlach, Jorn ; APPLICANT: An, Yong-Qiang ; APPLICANT: Hamilton, Carol M. ; APPLICANT: Price, Jennifer L.	APPLICANT: Yu, Yannes, Tracy M. APPLICANT: Yu, Yannes, Joshua G. APPLICANT: Rameaka, Joshua G. APPLICANT: Page, Amy APPLICANT: Matthew, Abraham V. APPLICANT: Medford, Brooke L. APPLICANT: Woessner, Jeffrey P.		Sidder, Davis, P Allen, P Hoffman,	; TITLE OF INVENTION: Express Sequences of Arabidopsis; TITLE OF INVENTION: thallana; FILE REFERENCE: 2027 (PARA-016PRV)	; CURRENT APPLICATION NUMBER: US/09/770,444 ; CURRENT FILING DATE: 2001-01-26 ; PRIOR APPLICATION NUMBER: 60/178,502 : DDIOD PILITG DATE: 2000-01-27	NUMBER OF SEQ ID NOS: 999; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 615	: LENGTH: 453 ; TYPE: DNA ; ORGANISM: Arabidopsis thaliana ; FEATURE:	; NAME/KEY: misc feature ; LOCATION: (1)(453) ; OTHER INFORMATION: n = A,T,C or G US-09-770-444-615	Query Match 26.7%; Score 286; DB 9; Length 453; Best Local Similarity 100.0%; Pred. No. 6.7e-147; Matches 286; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		Oy 835 TTACAAGTTGTTCCAAGCAGCGCTTTGTATCCGTTTCAGACGTTTCGAATTTA 894
	Qy       721 ATCGCTGGTCCGTCGAATCAGCCTCAGTTATTAGCTTTTCCCGCCGCCGCTGCTTCTCGCCG       721 ATCGCTGGTCCGTCGAATCAGCCTCAGTTATTAGCTTTTCCCGCCGCCGCCGCTGCTTCGCCG       780	Oy 781 TCGTCTTACGTCGCCGCTGTTCAACAGGCTTCCACGATGGCTAGACCACCTCCTTTACAA 840 	Qy     841 GTTGTTCCAAGCAGCGCTTTGTATCCGTTTCAGACGTTAGCGGTTCGAATTTATCAAGA     900       DD     841 GTTGTTCCAAGCAGCGCTTTGTATCCGTTTCAGACGTTAGCGGTTCGAATTTATCAAGA     900	OY 901 GCGACGTCGGTTATGGCTCCGAGCTCAGGCGTAACAACCGGTAGTTCATCGTCA 960	OY 961 ATTGCAACAACGACGCACGCTGAGAGACTTCTCCCTAGAGATATACGAGAAACAA 1020 	Oy 1021 GAGCTTCACCAGTTCATGAGCACCACAGCACGGTCATCGAACCACTGA 1071	RESULT 3 US-09-924-035A-502/c ; Sequence 502, Application US/09924035A ; Patent No. US20020142319A1 ; GENERAL INFORMATION:	APPLICANT: Grlach, Jrn TITLE OF INVENTION: Expressed Sequences of Arabidopsis TITLE OF INVENTION: thaliana	CURRENT APPLICATION NUMBER: US/09/924,035A CURRENT FILING DATE: 2000-08-11 PRICA RAPLICATION NUMBER: US 60/148,784 PRICA FILING DATE: 1999-08-13	NUMBER OF SEQ ID NOS: 900 SOPTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 502	; LENGTH: 460 ; TYPE: DNA ; ORGANISM: Arabidopsis thaliana : PRATHER:	- (	S-09-924-035A-502 Query Match Best Local Similarity 99.6%; Pred. No. 1.5e-148;	vative GGCATCATCC	660 GTGGGCTATTCCATCACCAATGATTCCGACGGGGGGGGGG	720 AATGGCTGGTCGTCGAATCAGCCTCAGTTATTAGCTTTTCCGCCGCCGCCGCTGCTTCGCCCCTGCTTGCT	

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US-1U-225-066A-1049

Sequence 1049, Application US/10225066A

Publication No. US20030226173A1

SERBAL INFORMATION:

APPLICANT: Mandel Biotechnology, Inc.

APPLICANT: RATCLIFFE, Oliver

APPLICANT: RATCLIFFE, Oliver

APPLICANT: ADAM, Luc oliver

APPLICANT: ADAM, Luc oliver

APPLICANT: REGEMAN, Jose Luis

APPLICANT: PLIGANT: Arnold T

APPLICANT: PLEARD, Acquelline E

APPLICANT: PLEARD, Acquelline E

APPLICANT: PLEARD, Acquelline E

APPLICANT: PLEARD, Marsha L

APPLICANT: PLEARD, Omaira

APPLICANT: PLEARD, Omaira

APPLICANT: PLEARD, Omaira

APPLICANT: VI, GGO-Liang

APPLICANT: VI, VI, GGO-Liang

APPLICANT: VI, VI, GGO-Liang

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: 60/336, 609

PRIOR APPLICATION NUMBER: 60/336, 609

PRIOR APPLICATION NUMBER: 101/11, 468

PRIOR APPLICATION NUMBER: 101/11, 468

PRIOR PILING DATE: 2002-66-14

NUMBER OF SEQ ID NOS: 1122

SOCTION NUMBER: 2003-66-14

NUMBER OF SEQ ID NOS: 1122

SOCTION NUMBER: 2003-66-14
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APPLICANT: Pilgrim, Marsha L
APPLICANT: Pineda, Omaira
APPLICANT: Pineda, Omaira
APPLICANT: Yu, Guo-liang
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 25; DB 17; Length 704;
Pred. No. 0.013;
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100.0%; Pred. No. v.
... 0; Mismatches
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Publication No. US20040019927A1
GENERAL INFORMATION:
APPLICANT: Sherman, Bradley K
APPLICANT: Riechmann, Jose Luis
APPLICANT: Jang, Cai-Zhong
APPLICANT: Haard, Volker
APPLICANT: Haake, Volker
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Ratcliffe, Oliver
Adam, Luc J
Reuber, T. Lynne
Keddie, James
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; ORGANISM: Arabidopsis thaliana
US-10-225-066A-1049
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Best Local Similarity 100.0
Matches 25; Conservative
           181 GAGCT 185
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APPLICANT:
APPLICANT:
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226 TTACAAGTTGTTCCAAGCAGCGGCTTTGTATCCGTTTCAGACGTTAGCGGTTTCGAATTTA 167
                                                                                                                                  166 TCAAGAGCGACGTCGGTTATGGCTCCGAGCTCAAGCTCAGGCGTAACAACCGGTAGTTCA 107
                                                                                            895 TCAAGAGCGACGTCGGTTATGGCTCCCGAGCTCAAGCTCAGGCGTAACAACCGGTAGTTCA 954
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 AAACTTCAAGACCTTTCCAAGTAAATCCCACAGTGAGTCTCGAGCCCAAGGCGGAGCCGG 120
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                                                                                                                                                                                                                                                               106 TCGTCAATTGCAACAACGACGCACACGCTGAGAGACTTCTCCCTAGAGATATACGAG 47
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                                                                                                                                                                                                                                                                                                                           1015 AAACAAGAGCTTCACCAGTTCATGAGCACCACAACAGCACGGTCAT 1060
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Davis, Keith R.
APPLICANT: Allen, Keith R.
APPLICANT: Hoffman, Neil
APPLICANT: Hurban, Patrick
TITLE OF INVENTION: Expressed Sequences of Arabidopsis
TITLE OF INVENTION: thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 2031US (PARA-020PRV)
CURRENT APPLICATION NUMBER: US/09/770,696
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/178,278
PRIOR FILING DATE: 2000-01-27
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 257, Application US/09770696
Patent No. US20010044940A1
GENERAL INPORMATION:
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An, Yong-Qiang
Hamilton, Carol M.
Price, Jennifer L.
Raines, Tracy M.
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Haas, William David
Garcia, Carlos A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-770-696-257
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Matthew, Abraham V.
Ledford, Brooke L.
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Rameaka, Joshua G.
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Slader, Ted
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APPLICANT:
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Sequence 3984, Application US/10767795

Sequence 3984, Application US/10767795

Sequence 3984, Application US/2040181830A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: APPLICANTON: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
FILE REPERENCE: 38-21(53534)B
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 117596
SEQ ID NOS: 117596
           APPLICANT: Delkman, Jill
APPLICANT: Peng, Paul C.C.
APPLICANT: Feng, Paul C.C.
APPLICANT: Feng, Paul C.C.
APPLICANT: Fincher, Karen L.
APPLICANT: Ziegler, Todd B.
TITLE OF INVENTION: Plants
FILE OF INVENTION: Plants
FILE REFERENCE: 38-21(52274)B
CURRENT APPLICATION NUMBER: US/10/021,323
CURRENT APPLICATION NUMBER: US 60/255, 619
PRIOR PILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 17880
SEQ ID NO 154882
LENGTH: 587
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100.0%; Pred. No. 0.16;
tive 0; Mismatches 0; Indels
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US-10-767-795-3984
                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Clone ID: LIB3829-026-Q6-K6-G6
US-10-021-323-15482
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APPLICANT: Riechmann, Jose Luis
APPLICANT: Adam, Luc
                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: GOSSYpium hirsutum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Gossypium hirsutum
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Best Local Similarity 100.0
Matches 23; Conservative
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Pineda, Omaira
Reuber, Lynne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jiang, Cai-Zhong
GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
APPLICANT:
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US-09-732-627A-4287

US-09-732-627A-4287

Sequence 4287, Application US/09732627A

Sequence 4287, Application US/09732627A

GENERAL INFORMATION:

APPLICANT: Fincher, Karen L.

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with

TITLE OF INVENTION: Plants

TITLE OF INVENTION: Dants

CURRENT APPLICATION WIMBER: US/09/732,627A

CURRENT FILING DATE: 2000-12-08

NUMBER OF SEQ ID NOS: 4930

SEQ ID NO 4287

LENGTH: 390
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Clone ID: LIB3493-028-P1-M1-F9
US-09-732-627A-4287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 2.3%; Score 25; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 25; Conservative 0; Mismatches
               ICATION NUMBER: US/10/374,780A
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                                              223 ACTAAAGACCGTCACACGAAGGT 245
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; Sequence 15482, Application US/10021323
; Publication No. US20040123340A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Gossypium hirsutum
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US-10-374-780A-2689
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, OTHER INFORMATION: G802
US-10-412-699B-551
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US-10-363-345A-33694
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APPLICANT: Dubell, Arnold N.
APPLICANT: Raccliffe, Oliver
APPLICANT: Raccliffe, Oliver
APPLICANT: Rumimoto, Roderick
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: POLYMUCHeotides and Polypeptides in Plants
FILE REFERENCE: MBI-0048CIP
CURRENT APPLICATION NUMBER: US/10/412,699B
CURRENT FILING DATE: 2003-04-10
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
PRIOR PLILING DATE: 2000-01-21
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                                                APPLICANT: Yu, Guo-Liang
APPLICANT: Fromm, Mike
TITLE OF INVENTION: PLANT GENE SEQUENCES I
FILE REFERENCE: MBI-0003
                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/295,403
CURRENT FILING DATE: 2002-11-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Mendel Biotechnology, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Zhang, James
Fromm, Michael E.
Heard, Jacqueline E.
Riechmann, Jose Luis
Adam, Luc J.
Broun, Pierre E.
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Jiang, Cai-Zhong
Samaha, Raymond R.
Pilgrim, Mareha L.
Creelman, Robert A.
Keddie, James
Zhang, James
Benito, Maria-Ines
Yu, Guo-Liang
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Arabidopsis thaliana
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Keddie, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100.0
Matches 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: CDS
LOCATION: (143)..(1345)
OTHER INFORMATION: G802
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APPLICANT:
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APPLICANT:
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US-10-363-345A-33693/c
Sequence 33693, Application US/10363345A
Publication No. US20040234960A1
GENERAL INFORMATION
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Barlin
TITLE OF INVENTION Method for determining the degree of methylation of defined
TITLE OF INVENTION: cytosines in genomic DNA in the sequence context of 5'-CpG-3
FILE REFERENCE: E01/1227
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PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: 09/533,030
PRIOR APPLICATION NUMBER: 09/533,030
PRIOR PILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/533,392
PRIOR PILING DATE: 2000-03-22
PRIOR PILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/532,591
PRIOR APPLICATION NUMBER: 09/532,691
PRIOR APPLICATION NUMBER: 09/533,648
PRIOR PILING DATE: 2000-03-22
PRIOR PILING DATE: 2000-11-32
PRIOR PILING DATE: 2000-11-32
PRIOR PILING DATE: 2000-11-32
PRIOR APPLICATION NUMBER: 09/819,142
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JOTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
JOTHER INFORMATION: CpG-island No: 33693
US-10-363-345A-33693
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100.0%; Pred. No. 2.1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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us-09-938-8

""" Land CANT: Christian Piepenbrock
TITLE OF INVENTION: Method for determining the degree of methylation of defined
TITLE OF INVENTION: Cytosines in genomic DNA in the sequence context of 5'-CpG-3;
FILE REPERENCE: E01/122.
CURRENT APPLICATION NUMBER: US/10/363,345A;
CURRENT FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 40712
SEQ ID NO 33694
LENGTH: 755
TYPE: DN"
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Sequence 33693, Application US/10363483A

Publication No. US2005064401A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: 111nesses
FILE REFERENCE: 82011
CURRENT APPLICATION NUMBER: US/10/363,483A

CURRENT PILING DATE: 2003-03-03

NUMBER OF SEQ ID NOS: 40712

SEQ ID NO 33693

LENGTH: 755
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US-10-363-345A-33694
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US-10-363-483A-33693
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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US-10-363-483A-33693/c
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